New York State Statewide COVID-19 Testing by Zip code

OVERVIEW

Office of Public Health
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Health Data NY

NEW YORK STATE OF OPPORTUNITY. | Department of Health

General Description:

This dataset includes information on the number of tests of individuals for COVID-19 infection performed in New York State beginning March 1, 2020, when the first case of COVID-19 was identified in the state. The primary goal of publishing this dataset is to provide users timely information about local disease spread and reporting of positive cases. The data will be updated weekly, reflecting tests completed by 2:00 pm on the day prior to the date of the update.

Note: On November 14, 2020, only 14 hours of laboratory data was collected and shared. The 2:00 pm cutoff time was implemented, allowing the NYSDOH to enhance data quality reviews. All other published laboratory data represented 24 hours of data collection. Prior to November 14, 2020 data reflected tests completed by 12:00 am (midnight) the day of the update (i.e., all tests reported by the end of the day on the day before the update).

Data Methodology:

Reporting of SARS-CoV2 laboratory testing results is mandated under Part 2 of the New York State Sanitary Code. Clinical laboratories, as defined in Public Health Law (PHL) § 571 electronically report test results to the NYSDOH via the Electronic Clinical Laboratory Reporting System (ECLRS). The NYSDOH Division of Epidemiology's Bureau of Surveillance and Data System (BSDS) monitors the reporting and ensures that all positives and negatives are accurately counted. Test counts reflect those completed on an individual each day. A person may have multiple specimens tested on one day, these would be counted one time—i.e., if two specimens are collected from an individual at the same time and then evaluated, the outcome of the evaluation of those two samples to diagnose the individual is counted as a single test of one person, even though the specimens may be tested separately. Conversely, if an individual is tested on more than one day, the data will show two tests of an individual, one for each date the person was tested.

Test counts are assigned to a zip code based on the patient address reported to ECLRS by the laboratory performing the test. This includes missing zip codes and data entry errors. ZIP code level data will not tie out to county level data.

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Limitations of Use:

The SARS-CoV2 laboratory test result data on this site reflects the best information available to NYSDOH at the time the data is posted. NYSDOH is receiving reports containing large amounts of data from hospital and clinical laboratories across the state and nation. This data sometimes contains minor errors; however, this express reporting provides the benefit of current and timely situational awareness. Test counts are assigned to a zip code based on the patient address reported to ECLRS by the laboratory performing the test. This includes missing zip codes and data entry errors. ZIP code level data will not tie out to county level data.

Corrections made after publishing the data will not be captured. Statewide data may have deviations from locally available information as local health departments investigate each positive laboratory report and often obtain current patient address.

The total number of tests of individuals performed include all positive, negative, and inconclusive results. Despite the relatively small proportion of inconclusive results, it is not appropriate to subtract the number of individuals tested positive from the total number of individuals tested to calculate the total individuals tested negative.

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